

IN THE CLAIMS:

Claim 1 (Currently Amended): A liquid crystal display device, wherein ~~source, drain, and~~ gate conductive lines are in direct electrical contact with a transparent electrode, each of the gate conductive lines comprising:

a first metal layer formed from a first metal; and

~~an~~ a heat generated alloy layer formed from an alloy of the first metal and another metal is disposed at an upper portion of the first metal layer.

Claim 2 (Currently Amended): The liquid crystal display device according to claim 1, wherein the first metal of the gate conductive lines includes an aluminum-alloy.

Claim 3 (Original): The liquid crystal display device according to claim 1, wherein the first metal layer has a thickness of about 2000 to 3000Å.

Claim 4 (Original): The liquid crystal display device according to claim 1, wherein the alloy layer is formed from an alloy including the first metal and a second metal deposited onto the first metal layer, wherein the second metal is subsequently removed.

Claim 5 (Original): The liquid crystal display device according to claim 4, wherein the second metal includes one of molybdenum and chrome.

Claim 6 (Previously Presented): The liquid crystal display device according to claim 1, wherein said gate conductive line includes one of a gate line, a gate electrode, and a gate pad.

Claim 7 (Canceled).

Claim 8 (Withdrawn): A method of fabricating a liquid crystal display device, comprising the steps of:

- forming a first metal layer of a first metal on a substrate;

- forming a second metal onto the first metal layer to form an alloy layer formed from an alloy including the first metal and a second metal disposed between the first metal and the second metal;

- removing the second metal on the alloy layer;

- patterning the first metal layer using a mask process to form a conductive line;

- forming an insulating film having a contact hole on the alloy layer; and

- forming a transparent electrode in electrical contact with the alloy layer via the contact hole.

Claim 9 (Withdrawn): The liquid crystal display device according to claim 8, wherein the first metal includes an aluminum-alloy.

Claim 10 (Withdrawn): The liquid crystal display device according to claim 8, wherein the first metal layer has a thickness of about 2000 to 3000Å.

Claim 11 (Withdrawn): The liquid crystal display device according to claim 8, wherein the second metal is one of molybdenum and chrome.

Claim 12 (Withdrawn): The liquid crystal display device according to claim 11, wherein the second metal has a thickness of about 100 to 500Å.

Claim 13 (Withdrawn): The liquid crystal display device according to claim 8, wherein said conductive line includes one of a gate line, a gate electrode, and a gate pad.

Claim 14 (Withdrawn): The liquid crystal display device according to claim 8, wherein said conductive line includes one of a data line, a source electrode, a drain electrode, and a data pad.

Claim 15 (Currently Amended): A liquid crystal display device, comprising:

- a substrate;

- a gate electrode disposed on the substrate;

- a gate pad disposed on the substrate;

- an insulating film disposed on the gate electrode and the gate pad;

an active layer disposed on the insulating film above the gate electrode;
an ohmic contact layer disposed on portions of the active layer;
a source electrode and a drain electrode disposed on the ohmic contact layer;
a passivation layer disposed on the source and drain electrodes;
a pixel electrode disposed on the passivation layer and contacting the drain electrode; and
a transparent electrode disposed on the passivation layer and contacts the gate pad,
wherein the gate electrode and the gate pad both include a first layer formed of a first metal and a second layer formed of ~~an~~ a heat generated alloy of the first metal and a second metal disposed at an entire upper surface of the first layer directly contacting the transparent electrode.

Claim 16 (Currently Amended): The liquid crystal display device according to claim 15, wherein the transparent electrode ~~material~~ contacts the second layer of the gate pad.

Claim 17 (Currently Amended): The liquid crystal display device according to claim 16, wherein the transparent electrode ~~material~~ is disposed within a via formed through the passivation layer and insulating film.

Claim 18 (Original): The liquid crystal display device according to claim 15, wherein the passivation layer covers side surfaces of the source and drain electrodes.

Claim 19 (Original): The liquid crystal display device according to claim 15, wherein the passivation layer is disposed on the insulating film.

Claim 20 (Original): The liquid crystal display device according to claim 15, wherein the passivation layer contacts a portion of the active layer between the source and drain electrodes.